CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17

02.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements of CC roads to Ravindranagara 5th, 6th, 7th and 8th Cross in Ward No.13, Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	:	AEE/SSD/PR/93/2016-17 Dated: 23.12.2016
* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	02.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2017	02.02.2017	8.218	480.3	21.35
2	05.01.2017	02.02.2017	8.338	513.2	22.81
3	05.01.2017	02.02.2017	8.412	528.6	23.49

*Information is furnished by the Customer/Representative.

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VIDYARANI P.K.
Technical Manager

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿಸಿ ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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* Reference	:	AEE/SSD/PR/93/2016-17 Dated: 23.12.2016
* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	04.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	07.01.2017	04.02.2017	8.133	485.5	21.58
2	07.01.2017	04.02.2017	8.226	506.8	22.52
3	07.01.2017	04.02.2017	8.307	523.6	23.27

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Technical Manager

AE-13
4/2
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* Sample ID	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	04.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	07.01.2017	04.02.2017	8.125	480.3	21.35
2	07.01.2017	04.02.2017	8.228	510.4	22.68
3	07.01.2017	04.02.2017	8.330	528.7	23.50

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Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-12/227e/Cube/2016-17 07.02.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	07.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.01.2017	07.02.2017	8.108	475.5	21.13
2	10.01.2017	07.02.2017	8.290	503.8	22.39
3	10.01.2017	07.02.2017	8.327	524.6	23.32

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* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	07.02.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.01.2017	07.02.2017	8.150	474.5	21.09
2	10.01.2017	07.02.2017	8.228	490.5	21.80
3	10.01.2017	07.02.2017	8.335	512.3	22.77

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